



FORM HDP-1449 (Based on Form PTO-1449)

**PATENT AND TRADEMARK OFFICE**  
**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

Sheet 1 of 7

ATTORNEY DOCKET NO.

0275Y-000679

SERIAL NO.

10/702,379

APPLICANT

Earl M. Ortt

FILING DATE

November 5, 2003

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**U.S. PATENT DOCUMENTS**

| Ref. Desig. | Examiner's Initials | Document Number | Date       | Name            | Class/ Subclass | (If appropriate) Filing Date |
|-------------|---------------------|-----------------|------------|-----------------|-----------------|------------------------------|
| 1.          | TN                  | 787,184         | 04/11/1905 | Jacobson        |                 |                              |
| 2.          |                     | 3,258,623       | 06/28/1966 | Phelon et al.   |                 |                              |
| 3.          |                     | 3,296,471       | 01/03/1967 | Cochardt        |                 |                              |
| 4.          |                     | 3,390,291       | 06/25/1968 | Eberline et al. |                 |                              |
| 5.          |                     | 3,422,294       | 01/14/1969 | Parker          |                 |                              |
| 6.          |                     | 3,436,815       | 04/08/1969 | M.W. Sheets     |                 |                              |
| 7.          |                     | 3,445,692       | 05/20/1969 | Kato            |                 |                              |
| 8.          |                     | 3,445,693       | 05/20/1969 | Crawshaw et al. |                 |                              |
| 9.          |                     | 3,510,707       | 05/05/1970 | Stone           |                 |                              |
| 10.         |                     | 3,710,291       | 01/09/1973 | Nicoud          |                 |                              |
| 11.         |                     | 3,766,418       | 10/16/1973 | Apostoleris     |                 |                              |
| 12.         |                     | 3,789,250       | 01/29/1974 | Macoit et al.   |                 |                              |
| 13.         |                     | 3,887,826       | 06/03/1975 | Apostoleris     |                 |                              |
| 14.         |                     | 4,012,651       | 03/15/1977 | Burson          |                 |                              |
| 15.         |                     | 4,015,154       | 03/29/1977 | Tanaka et al.   |                 |                              |
| 16.         |                     | 4,155,021       | 05/15/1979 | Corbach et al.  |                 |                              |
| 17.         |                     | 4,159,562       | 07/03/1979 | Liptak et al.   |                 |                              |
| 18.         |                     | 4,209,724       | 06/24/1980 | Periou          |                 |                              |
| 19.         |                     | 4,219,752       | 05/26/1980 | Katou           |                 |                              |
| 20.         |                     | 4,260,916       | 04/07/1981 | Theissig        |                 |                              |
| 21.         |                     | 4,323,806       | 04/06/1982 | Aoki            |                 |                              |
| 22.         | TN                  | 4,383,192       | 05/10/1983 | Sikorra         |                 |                              |

Examiner:

Nguyen, Tran N

Date Considered:

4/22/04

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|-------------|---------------------|-----------------|------------|---------------------|-----------------|------------------------------|
| 23.         | <i>[initials]</i>   | 4,453,097       | 06/05/1984 | Lordo               |                 |                              |
| 24.         | <i>[initials]</i>   | 4,464,595 A     | 08/07/1984 | Hamano et al.       |                 |                              |
| 25.         |                     | 4,573,258       | 03/04/1986 | Ito et al.          |                 |                              |
| 26.         |                     | 4,591,749       | 05/27/1986 | Gauthier et al.     |                 |                              |
| 27.         |                     | 4,594,525       | 06/10/1986 | Stokes              |                 |                              |
| 28.         |                     | 4,625,392       | 12/02/1986 | Stokes              |                 |                              |
| 29.         |                     | 4,665,333       | 05/12/1987 | Heim et al.         |                 |                              |
| 30.         |                     | 4,683,393       | 07/28/1987 | Stokes              |                 |                              |
| 31.         |                     | 4,724,348       | 02/09/1988 | Stokes              |                 |                              |
| 32.         |                     | 4,757,603       | 07/19/1988 | Stokes              |                 |                              |
| 33.         |                     | 4,769,624       | 09/06/1988 | Merritt et al.      |                 |                              |
| 34.         |                     | 4,777,717       | 10/18/1988 | Okamoto             |                 |                              |
| 35.         |                     | 4,792,712       | 12/20/1988 | Stokes              |                 |                              |
| 36.         |                     | 4,793,054       | 12/27/1988 | Abbratozzato et al. |                 |                              |
| 37.         |                     | 4,795,932       | 01/03/1989 | Long                |                 |                              |
| 38.         |                     | 4,801,834       | 01/31/1989 | Stokes              |                 |                              |
| 39.         |                     | 4,827,173       | 05/02/1989 | Corbach et al.      |                 |                              |
| 40.         | <i>[initials]</i>   | 4,850,100       | 07/25/1989 | Stokes              |                 |                              |
| 41.         | <i>[initials]</i>   | 4,873,461       | 10/10/1989 | Brennan et al.      |                 |                              |
| 42.         | <i>[initials]</i>   | 4,879,485       | 11/07/1989 | Tassinario          |                 |                              |

Examiner: *[Signature]*Date Considered: *4/22/04*

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| 43.         | <i>gpa</i>          | 4,910,861       | 03/27/1990 | Dohogne          |                 |                              |
| 44.         |                     | 4,916,344       | 04/10/1990 | Hammer et al.    |                 |                              |
| 45.         |                     | 4,918,801       | 04/24/1990 | Schwarz et al.   |                 |                              |
| 46.         |                     | 4,953,284       | 09/04/1990 | Hammer et al.    |                 |                              |
| 47.         |                     | 5,038,460       | 08/03/1991 | Ide et al.       |                 |                              |
| 48.         |                     | 5,075,605       | 12/24/1991 | Hendricks et al. |                 |                              |
| 49.         |                     | 5,121,021       | 06/09/1992 | Ward             |                 |                              |
| 50.         |                     | 5,264,749       | 11/23/1993 | Maeda et al.     |                 |                              |
| 51.         |                     | 5,268,607       | 12/07/1993 | McManus          |                 |                              |
| 52.         |                     | 5,341,561       | 08/30/1994 | Schorm et al.    |                 |                              |
| 53.         |                     | 5,353,491 A     | 10/11/1994 | Gentry et al.    |                 |                              |
| 54.         |                     | 5,475,276 A     | 12/12/1995 | Shiga et al.     |                 |                              |
| 55.         |                     | 5,584,114 A     | 12/17/1996 | McManus          |                 |                              |
| 56.         |                     | 5,646,467       | 07/08/1997 | Floresta et al.  |                 |                              |
| 57.         |                     | 5,705,970       | 01/06/1998 | Nishida et al.   |                 |                              |
| 58.         |                     | 5,714,827       | 02/03/1998 | Hansson          |                 |                              |
| 59.         |                     | 5,731,646 A     | 03/24/1998 | Heinze et al.    |                 |                              |
| 60.         |                     | 5,806,169       | 09/15/1998 | Trago et al.     |                 |                              |
| 61.         | <i>gpa</i>          | 5,811,908       | 09/22/1998 | Iwata et al.     |                 |                              |
| 62.         | <i>gpa</i>          | 5,828,152       | 10/27/1998 | Takeda et al.    |                 |                              |

Examiner:

*Nguyen, Joan*

Date Considered:

*4/22/04*

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|-------------|---------------------|-----------------|------------|--------------------|-----------------|------------------------------|
| 63.         | <i>[Signature]</i>  | 5,831,364       | 11/03/1998 | Buse               |                 |                              |
| 64.         | <i>[Signature]</i>  | 5,845,389       | 12/08/1998 | Roberts et al.     |                 |                              |
| 65.         | <i>[Signature]</i>  | 5,861,695       | 01/19/1999 | Brassard           |                 |                              |
| 66.         | <i>[Signature]</i>  | 5,874,794       | 02/23/1999 | Trammell et al.    |                 |                              |
| 67.         | <i>[Signature]</i>  | 5,960,532       | 10/05/1999 | Hill               |                 |                              |
| 68.         | <i>[Signature]</i>  | 5,998,902       | 12/07/1999 | Sleder, Sr. et al. |                 |                              |
| 69.         | <i>[Signature]</i>  | 6,002,185       | 12/14/1999 | Nakao et al.       |                 |                              |
| 70.         | <i>[Signature]</i>  | 6,006,416       | 12/28/1999 | Katagiri           |                 |                              |
| 71.         | <i>[Signature]</i>  | 6,020,661       | 02/01/1990 | Trago et al.       |                 |                              |
| 72.         | <i>[Signature]</i>  | 6,060,799 A     | 05/09/2000 | McManus et al.     |                 |                              |
| 73.         | <i>[Signature]</i>  | 6,177,751       | 01/23/2001 | Suzuki et al.      |                 |                              |
| 74.         | <i>[Signature]</i>  | 6,281,612       | 08/28/2001 | Asao et al.        |                 |                              |

**FOREIGN PATENT DOCUMENTS**

| Ref. Desig. | Examiner's Initials | Document Number | Date       | Country | Class/ Subclass | Translation Yes | No |
|-------------|---------------------|-----------------|------------|---------|-----------------|-----------------|----|
| 1.          | <i>[Signature]</i>  | WO/97 05687     | 02/13/1997 | PCT     |                 | Abstract        |    |
| 2.          | <i>[Signature]</i>  | 2000-324733     | 11/24/2000 | Japan   |                 | Abstract        |    |
| 3.          | <i>[Signature]</i>  | 11-299147       | 10/29/1999 | Japan   |                 | Abstract        |    |
| 4.          | <i>[Signature]</i>  | 3-293943        | 12/25/1991 | Japan   |                 | Abstract        |    |
| 5.          | <i>[Signature]</i>  | 3-265437        | 11/26/1991 | Japan   |                 | Abstract        |    |

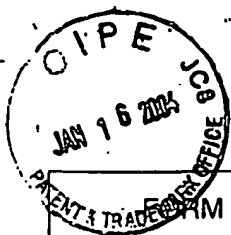
Examiner:

*Nguyen, Tran N*

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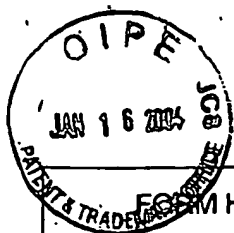
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| Ref. Desig. | Examiner's Initials | Document Number | Date       | Country | Class/ Subclass | Translation Yes | No |
|-------------|---------------------|-----------------|------------|---------|-----------------|-----------------|----|
| 6.          | JAN                 | 10-256031       | 09/25/1998 | Japan   |                 | Abstract        |    |
| 7.          | JAN                 | 2001-169485     | 06/22/2001 | Japan   |                 | Abstract        |    |
| 8.          |                     | 54-164828       | 11/19/1979 | Japan   |                 |                 | X  |
| 9.          |                     | 2000-152535     | 05/30/2000 | Japan   |                 | Abstract        |    |
| 10.         |                     | 3-77247         | 08/02/1991 | Japan   |                 |                 | X  |
| 11.         |                     | 50-68807        | 06/19/1975 | Japan   |                 |                 | X  |
| 12.         |                     | 2001-69703      | 03/16/2001 | Japan   |                 | Abstract        |    |
| 13.         |                     | 64-64546        | 03/10/1989 | Japan   |                 | Abstract        |    |
| 14.         |                     | 55-56476        | 04/25/1980 | Japan   |                 | Abstract        |    |
| 15.         |                     | WO 97/45917     | 12/04/1997 | PCT     |                 |                 |    |
| 16.         |                     | 28 27 068 C2    | 01/11/1979 | Germany |                 | Abstract        |    |
| 17.         |                     | 19 41 169 C2    | 04/23/1970 | Germany |                 | Abstract        |    |
| 18.         |                     | 100 09 151 C2   | 09/09/2001 | Germany |                 | Abstract        |    |
| 19.         |                     | 199 42 029 A1   | 03/15/2001 | Germany |                 | Abstract        |    |
| 20.         |                     | 31 35 217 A1    | 04/07/1983 | Germany |                 | Abstract        |    |
| 21.         |                     | 75 04 284       | 10/27/1977 | Germany |                 |                 | X  |
| 22.         |                     | 42 13 374 A1    | 10/28/1993 | Germany |                 | Yes             |    |
| 23.         |                     | 0 410 048 B1    | 01/30/1991 | Europe  |                 |                 |    |
| 24.         |                     | 100 51 308 A1   | 10/31/2001 | Germany |                 | Abstract        |    |
| 25.         | JAN                 | 199 11 261 C2   | 09/21/2000 | Germany |                 | Abstract        |    |

Examiner: Nguyen, Tam A

Date Considered: 4/22/04

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|----------------|------------------------|--------------------|------------|---------------|--------------------|-------------|----|
|                |                        |                    |            |               |                    | Yes         | No |
| 26.            | NN                     | 2 445 053          | 07/18/1980 | France        |                    | Abstract    |    |
| 27.            |                        | 28 35 441 A1       | 02/28/1980 | Germany       |                    | Abstract    |    |
| 28.            |                        | 40 33 454 A1       | 04/23/1992 | Germany       |                    | Abstract    |    |
| 29.            |                        | 23 42 499          | 03/06/1975 | Germany       |                    | Abstract    |    |
| 30.            |                        | 197 05 432 A1      | 08/27/1998 | Germany       |                    | Abstract    |    |
| 31.            |                        | 39 13 618 C2       | 11/02/1989 | Germany       |                    | Abstract    |    |
| 32.            |                        | 0 218 477 A2       | 04/15/1987 | Europe        |                    |             |    |
| 33.            |                        | 6 601 157          | 02/13/1969 | Germany       |                    |             | X  |
| 34.            |                        | 30 23 743 A1       | 01/21/1982 | Germany       |                    | Abstract    |    |
| 35.            |                        | 84 27 703 U1       | 03/06/1986 | Germany       |                    |             | X  |
| 36.            |                        | 0 143 693 A2       | 06/05/1985 | Europe        |                    |             |    |
| 37.            |                        | 27 35 778          | 03/01/1979 | Germany       |                    | Abstract    |    |
| 38.            |                        | 100 53 692 A1      | 05/16/2002 | Germany       |                    | Abstract    |    |
| 39.            |                        | 195 17 668 A1      | 11/14/1996 | Germany       |                    | Abstract    |    |
| 40.            |                        | GB1 389 519        | 11/22/1973 | Great Britain |                    |             |    |
| 41.            |                        | 35 10 845 A1       | 10/09/1986 | Germany       |                    | Abstract    |    |
| 42.            |                        | 76 08 871          | 07/15/1976 | Germany       |                    |             | X  |
| 43.            |                        | 2 617 344          | 12/30/1988 | France        |                    | Yes         |    |
| 44.            |                        | DT 25 05 937 A1    | 08/19/1976 | Germany       |                    | Abstract    |    |
| 45.            |                        | 23 02 947 C2       | 08/09/1973 | Germany       |                    |             | X  |

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| 46.         | JAN                 | 1 909 063       | 01/14/1971 | Germany        |                 |             | X  |
| 47.         |                     | 0 505 498 B1    | 09/30/1992 | Europe         |                 |             |    |
| 48.         |                     | 28 55 986       | 07/10/1980 | Germany        |                 | Abstract    |    |
| 49.         |                     | 42 40 995 A1    | 06/09/1994 | Germany        |                 | Abstract    |    |
| 50.         |                     | 0 569 594 B1    | 11/18/1993 | Europe         |                 |             |    |
| 51.         | JAN                 | 0 558 746 B1    | 09/08/1993 | Europe         |                 |             |    |
| 52.         |                     | 2 518 927       | 07/01/1983 | France         |                 | Abstract    |    |
| 53.         |                     | 1 576 917       | 10/15/1980 | Great Britain  |                 | Abstract    |    |
| 54.         |                     | 1 588 988       | 03/16/1970 | France         |                 |             | X  |
| 55.         |                     | 0 809 878 B1    | 10/14/1998 | Europe         |                 | Abstract    |    |
| 56.         | JAN                 | 2202170         |            | United Kingdom |                 | Abstract    |    |
| 57.         |                     | 2617344         | 12/30/1988 | France         |                 | Abstract    |    |

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| 1.          | JAN                 | International Search Report PCT/US02/05029, ISA/US - mailed 09/06/2002  |
| 2.          | JAN                 | SEMONES, Burley C., Application of high-energy permanent-magnet materials to servomotors, J. Appl. Phys. 57(1), 15 April 1985, pp 3817-3819.  |
| 3.          | JAN                 | Composite magnet holder simplifies motor assembly. Retrieved November 26, 2001 from <a href="http://www.machinedesign.com/content/columns/articleloader.asp?main=sitesearch&amp;origA">http://www.machinedesign.com/content/columns/articleloader.asp?main=sitesearch&amp;origA</a> . |

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